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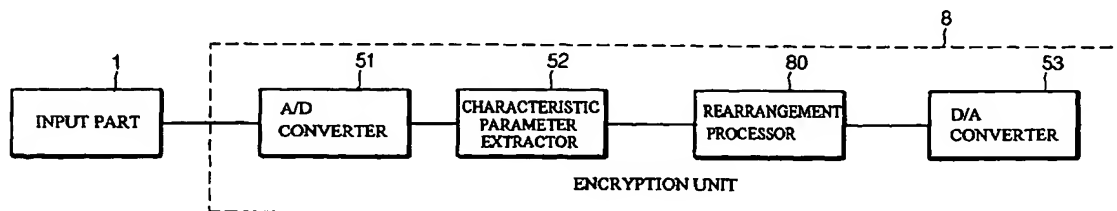
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(54) Title: ENCRYPTION PROCESSING METHOD AND DEVICE OF A VOICE SIGNAL



(57) **Abstract:** Disclosed is a method and system for encrypting an analog speech signal transmitted through a wired or wireless communication line. The system extracts magnitude data of each of the frequency components of the analog speech signal as a characteristic parameter at a specific time interval. The system rearranges obtained characteristic parameters spatially and time-serially, converts the resultant data into an analog signal and transmits the signal through a communication line. The characteristic parameters are extracted through a predetermined algorithm whose inverse transform is easily carried out, for example, FFT, DCT and WAVELET transform, or various subband division techniques using band pass filters.

WO 2004/036762 A2